

Product Datasheet

Pinobanksin 3-acetate (orb1683579)

Catalog Number	orb1683579
Category	Small Molecules
Description	Pinobanksin 3-acetate (3-O-Acetylpinobanksin) is a potent antioxidant flavonoid isolated from propolis and honey. Its ability to inhibit LDL oxidation makes it a valuable compound for cardiovascular and oxidative stress research in both in vitro and cell-based studies.
Target	Antioxidant
Purity	99.79% (May vary between batches)
MW	314.29
Target Areas	Antioxidant
Solubility (25°C)	DMSO:90 mg/mL (286.36 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (10.5 mM)
CAS Number	52117-69-8
Formula	C ₁₇ H ₁₄ O ₆
SMILES	CC(=O)O[C@@H]1[C@H](Oc2cc(O)cc(O)c2C1=O)c1cccc1
Storage	store at low temperature,keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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